

Converting Colors

YUV(87.3280, 60.4773,
109.3373)

Have a look what the booklet for
YUV(87.3280, 60.4773, 109.3373)
contains.

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Color

**YUV(87.3280, 60.4773,
109.3373)**

Conversions

Conversions Part 1

Format	Color
Hex	D400D2
RGB	212, 0, 210
RGB Percent	83%, 0%, 82%
CMY	0.1686, 1.0000, 0.1765
CMYK	0.00, 1.00, 0.01, 0.17
HSL	301°, 100%, 42%
HSV	301°, 100%, 83%
XYZ	38.7842, 18.6502, 62.5285
YIQ	87.3280, 58.9420, 110.2540

Conversions

Conversions Part 2

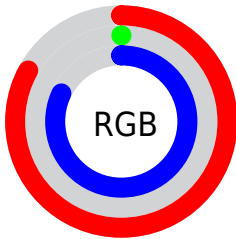
Format	Color
R_{YB}	212, 0, 210
Decimal	13893842
CIE _{Lab}	50.28, 85.19, -51.97
CIE _{LCh}	50, 99.791, 328.614
Yxy	18.6502, 0.3233, 0.1555
Android (android.graphics.Color)	4292083922 (0xFFD400D2)
YUV	87.3280, 60.4773, 109.3373
Hunter-Lab	43.1859, 84.7315, -55.6154

Details

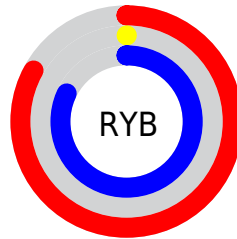
The YUV color **87.3280, 60.4773, 109.3373** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **124.6720, -60.4773, -109.3373**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0800, 46.3026, 82.3678**, and **63.1180, 45.2978, 77.9495** is the 20% darker color. If you saturate the color by 10%, you get **87.3280, 60.4773, 109.3373**, and if you desaturate by 10%, it is **99.6550, 54.4001, 98.5266**.

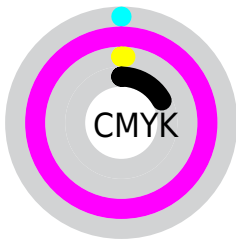
Distribution



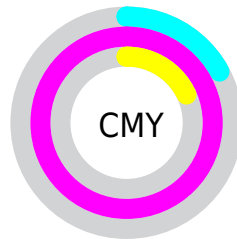
- Red (83%)
- Green (0%)
- Blue (82%)



- Red (83%)
- Yellow (0%)
- Blue (82%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.3280, 60.4773, 109.3373 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 87.3280, 60.4773, 109.3373 by changing the saturation by 10% instead.

87.3280, 60.4773,
109.3373

87.3280, 60.4773,
109.3373

255.0000, 0.0000,
0.0000

75.1660, 52.6692,
93.6934

161.0800, 46.3026,
82.3678

63.1180, 45.2978,
77.9495

179.2770, 37.3314,
66.4091

51.3690, 37.7791,
62.8204

196.8870, 28.6497,
50.9651

39.7340, 30.6971,
47.5913

215.0840, 19.6786,
35.0063

29.2240, 24.0466,
34.0066

232.6940, 10.9969,
19.5624

16.8060, 17.8436,
16.8331

250.3040, 2.3151,

4.7080, 12.9620,

4.1184

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 87.3280, 60.4773,
109.3373

■ 99.6550, 54.4001,
98.5266

■ 111.9820, 48.3229,
87.7158

■ 125.0100, 42.3931,
76.2902

■ 137.3370, 36.3159,
65.4795

■ 149.6640, 30.2386,
54.6687

■ 161.9910, 24.1614,
43.8579

■ 174.3180, 18.0842,
33.0471

■ 187.3460, 12.1544,
21.6216

■ 199.6730, 6.0772,
10.8108

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



108.7220, 72.1151, -30.4512



87.3280, 60.4773, 109.3373



90.8370, 18.3214, 143.9710

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.3280, 60.4773, 109.3373



112.6430, -55.5330, 31.8851



112.6110, 43.0828, -98.7598

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



87.3280, 60.4773, 109.3373



124.6720, -60.4773, -109.3373

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



101.5190, 5.6601, -89.0322



87.3280, 60.4773, 109.3373



98.3590, -48.4910, -33.6408

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.3280, 60.4773, 109.3373



106.2390, -52.3758, 92.7524



86.2890, -42.5405, -75.6755



116.5330, 68.2642, -102.1994

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.3280, 60.4773, 109.3373



84.5670, -5.7025, 149.4697



86.2890, -42.5405, -75.6755



108.8320, 31.1418, -95.4457

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



87.3280, 60.4773, 109.3373



210.2740, 21.5569, 39.2247



24.1680, 92.6012, -21.1953



100.8840, 12.8752, 23.7807



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.3280, 60.4773, 109.3373



105.0870, 72.9211, 131.4737



75.4720, 15.0503, 119.7351



100.5430, 3.1833, 5.6628



70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



87.3280, 60.4773, 109.3373



105.0870, 72.9211, 131.4737



136.5280, -15.0503, -119.7351



100.5430, 3.1833, 5.6628



70.3950, 48.6123, 88.2306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 87.3280, 60.4773, 109.3373 looks on a white background.

Color Contrast Check

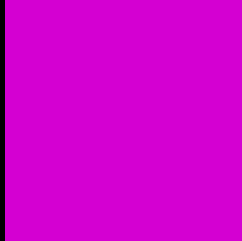
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 87.3280, 60.4773, 109.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

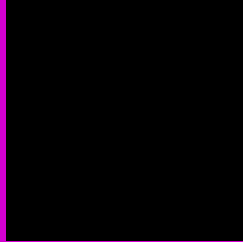
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 87.3280, 60.4773, 109.3373

Background



This preview shows how black text looks on a background with the YUV color 87.3280, 60.4773, 109.3373.



This preview shows how white text looks on a background with the YUV color 87.3280, 60.4773,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

116.4970, 39.6880, -36.3929

Tritanopia

117.6670, -14.6258, 71.3290

Trichromacy



Protanomaly

93.1370, 69.4455, -14.1521

Deuteranomaly

106.1890, 47.2348, 16.4972

Tritanomaly

106.5680, 12.5380, 85.4479

Monochromacy



Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8010, 22.2831, 39.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.3280, 60.4773, 109.3373 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(212, 0, 210)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 210)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(212, 0, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 210) }
```

Border

The CSS property to change the border of an element to YUV 87.3280, 60.4773, 109.3373 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(212, 0, 210) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(212, 0, 210) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(212, 0, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 87.3280, 60.4773, 109.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 210) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(212, 0,  
210) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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